

SEQUENCE LISTING

<110> Conklin, Darrell C.
Blumberg, Hal

<120> A HUMAN 2-19 PROTEIN HOMOLOGUE, Z219A

<130> 97-63C1

<150> US 60/061,712
<151> 1997-10-06

<150> US 09/167,513
<151> 1998-10-06

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<222> (119)...(823)

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atg cgc cca	ttg gct ggt	ggc ctg ctc	aag gtg gtg	ttc gtg gtc	ttc	166
Met Arg Pro	Leu Ala Gly	Gly Leu Leu	Lys Val Val	Phe Val Val	Phe	
1	5	10	15			

gcc tcc ttg tgt	gcc tgg tat	tcg ggg tac	ctg ctc	gca gag	ctc att	214
Ala Ser Leu Cys	Ala Trp Tyr	Ser Gly	Tyr Leu	Leu Ala Glu	Leu Ile	
20	25	30				

cca	gat	gca	ccc	ctg	tcc	agt	gct	gcc	tat	agc	atc	cgc	agc	atc	ggg	262
Pro	Asp	Ala	Pro	Leu	Ser	Ser	Ala	Ala	Tyr	Ser	Ile	Arg	Ser	Ile	Gly	
35									40					45		
gag	agg	cct	gtc	ctc	aaa	gct	cca	gtc	ccc	aaa	agg	caa	aaa	tgt	gac	310
Glu	Arg	Pro	Val	Leu	Lys	Ala	Pro	Val	Pro	Lys	Arg	Gln	Lys	Cys	Asp	
50									55					60		
cac	tgg	act	ccc	tgc	cca	tct	gac	acc	tat	gcc	tac	agg	tta	ctc	agc	358
His	Trp	Thr	Pro	Cys	Pro	Ser	Asp	Thr	Tyr	Ala	Tyr	Arg	Leu	Leu	Ser	
65									70					75		80
gga	ggt	ggc	aga	agc	aag	tac	gcc	aaa	atc	tgc	ttt	gag	gat	aac	cta	406
Gly	Gly	Gly	Arg	Ser	Lys	Tyr	Ala	Lys	Ile	Cys	Phe	Glu	Asp	Asn	Leu	
									85					90		95
ctt	atg	gga	gaa	cag	ctg	gga	aat	gtt	gcc	aga	gga	ata	aac	att	gcc	454
Leu	Met	Gly	Glu	Gln	Leu	Gly	Asn	Val	Ala	Arg	Gly	Ile	Asn	Ile	Ala	
									100					105		110
att	gtc	aac	tat	gta	act	ggg	aat	gtg	aca	gca	aca	cga	tgt	ttt	gat	502
Ile	Val	Asn	Tyr	Val	Thr	Gly	Asn	Val	Thr	Ala	Thr	Arg	Cys	Phe	Asp	
									115					120		125
atg	tat	gaa	ggc	gat	aac	tct	gga	ccg	atg	aca	aag	ttt	att	cag	agt	550
Met	Tyr	Glu	Gly	Asp	Asn	Ser	Gly	Pro	Met	Thr	Lys	Phe	Ile	Gln	Ser	
									130					135		140
gct	gct	cca	aaa	tcc	ctg	ctc	ttc	atg	gtg	acc	tat	gac	gac	gga	agc	598
Ala	Ala	Pro	Lys	Ser	Leu	Leu	Phe	Met	Val	Thr	Tyr	Asp	Asp	Gly	Ser	
									145					150		155
aca	aga	ctg	aat	aac	gat	gcc	aag	aat	gcc	ata	gaa	gca	ctt	gga	agt	646
Thr	Arg	Leu	Asn	Asn	Asp	Ala	Lys	Asn	Ala	Ile	Glu	Ala	Leu	Gly	Ser	
									165					170		175
aaa	gaa	atc	agg	aac	atg	aaa	ttc	agg	tct	agc	tgg	gta	ttt	att	gca	694
Lys	Glu	Ile	Arg	Asn	Met	Lys	Phe	Arg	Ser	Ser	Trp	Val	Phe	Ile	Ala	
									180					185		190
gca	aaa	ggc	ttg	gaa	ctc	cct	tcc	gaa	att	cag	aga	gaa	aag	atc	aac	742
Ala	Lys	Gly	Leu	Glu	Leu	Pro	Ser	Glu	Ile	Gln	Arg	Glu	Lys	Ile	Asn	
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His Ser Asp Ala Lys Asn Asn Arg Tyr Ser Gly Trp Pro Ala Glu Ile
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Gln Ile Glu Gly Cys Ile Pro Lys Glu Arg Ser
225 230 235

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SEQ ID NO:2

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Phe Asp Met

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<210> 5
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Leu Gly Ser

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<222> (1)...(705)
<223> N is any nucleotide

<221> misc_feature
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<223> n = A,T,C or G

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gcntgtayw snggntayyt nytngcngar ytnathccng aygcnccnyt nwsnwsngcn	120
gcntaywsna thmgnwsnat hggngarmgn ccngtynytna argcnccngt nccnaarmgn	180
caraartgyg aycaytggac nccntgyccn wsngayacnt aycntaymg nytnytnwsn	240
ggnggggnm gnwsnaarta ygcnaarath tgyttyparg ayaayytnyt natggngar	300
carytnggna aygtngcnmg nggnathaay athgcnathg tnaaytaygt nacnggnaay	360
gtnacngcna cnmgntgytt ygayatgtay gargngaya aywsnggncc natgacnaar	420
ttyathcarw sngcngcncc naarwsnytn ytnttyatgg tnacntayga ygayggnwsn	480
acnmgnyntra ayaaygaygc naaraaygcn athgargcny tnggnwsnaa rgarathmgn	540
aayatgaart tymgnwsnws ntgggtntty athgcngcna arggnyntra rytnccnwsn	600
garathcarm gngaraarat haacycaywsn gaygchaaara ayaaymgnta ywsnggntgg	660
ccngcngara thcarathga rggntgyath ccnaargarm gnwsn	705
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 85 90 95
 Leu Met Gly Glu Gln Leu Gly Asn Val Ala Arg Gly Ile Asn Ile Ala
 100 105 110
 Ile Val Asn Tyr Val Thr Gly Asn Val Thr Ala Thr Arg Cys Phe Asp
 115 120 125
 Met Tyr Glu Gly Asp Asn Ser Gly Pro Met Thr Lys Phe Ile Gln Ser
 130 135 140
 Ala Ala Pro Lys Ser Leu Leu Phe Met Val Thr Tyr Asp Asp Gly Ser
 145 150 155 160
 Thr Arg Leu Asn Asn Asp Ala Lys Asn Ala Ile Glu Ala Leu Gly Ser
 165 170 175
 Lys Glu Ile Arg Asn Met Lys Phe Arg Ser Ser Trp Val Phe Ile Ala
 180 185 190
 Ala Lys Gly Leu Glu Leu Pro Ser Glu Ile Gln Arg Glu Lys Ile Asn
 195 200 205
 His Ser Asp Ala Lys Asn Asn Arg Tyr Ser Gly Trp Pro Ala Glu Ile
 210 215 220
 Gln Ile Glu Gly Cys Ile Pro Lys Glu Arg Ser Gly Ser Glu Tyr Met
 225 230 235 240
 Pro Met Glu

<210> 19

<211> 25

<212> DNA

<213> Artificial Sequence

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<223> Oligonucleotide primer ZC14870

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<210> 20

<211> 24

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Glu Tyr Met Pro Val Asp

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32